

COATING COMPOSITION, AND METHOD FOR MANUFACTURING HIGH SILICON ELECTRICAL STEEL SHEET USING THEREOF

Abstract of the Disclosure

There are provided a coating composition for siliconizing, and a method for manufacturing a high silicon electrical steel sheet using the same. The coating composition includes: a Fe-Si-based composite compound sintered powder having a grain size of -325 mesh and containing 20 - 70 % silicon by weight; and a colloidal silica solution containing 15 - 30 part by weight of silica solid matter with respect to 100 part by weight of the sintered powder.